

a plurality of recesses 30 in edge 32. Each recess 30 receives an associated protrusion 26. Thus, once assembled, edges 28 and 32 are in abutting relation with the frame assembly 22 defining a generally open cylindrical structure. The frame assembly 22 includes a plurality of retaining tabs 34 for locating and retaining the permanent magnets 21 with respect to the inside of the frame assembly 22. An electrical connector body 35 is also molded into the frame assembly for housing an electrical connector 25 of the motor 10. Brush tubes 23 are defined in the frame assembly to hold the brushes 20 so that no brush card is required. The frame assembly 22 incorporates the brush tubes 23, an end cap 25, bearing retainers 27 and the electrical connector body 35 (FIG.2).